

## Sequence listing

<110> Epigenomics AG

5 <120> Method for amplification of nucleic acids of low complexity

<160> 160

<210> 1

10 <211> 322

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<213> Artificial Sequence

<220>

15 <223> 2025

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tcgctaacgc taaaaaacat caaaaacact acccaaccca aatatcgccg ccgcttccac 180  
aaaactctac taaacgccgc cgccgccgct accaccgcct ctaatccaaa ccacctcccg 240  
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gttttttaag gtaattacgt tttttttggt ttttttttaa aaaataaaaa taaaaaattt 240  
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5 taaagagttg taaggcgaag ttaagaaaat gtaggtattt aaaaaatgta ggtaattttt 360  
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20 tatttcgtaa taaacgtaaa actaatcctc caaaattacc ttattaatta acttacatat 180  
ttattatcta tctatcccac caaaatacaa atttccgaaa aacaaaaatt taaaaaaatc 240  
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aggtcgcgtt ttttttgtgg tggtttttag ggattcgttt tagttttttt ttctgtttta 180  
gttttatata ttgggattat taggtattta agattttatt ttttaggtgg tatttttagc 240  
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ggcgtttttt tacgtcgtag gtaagcgggg cggcgggttc ggtatttggt tatcgggagt 420

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10 <223> 2191

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gtgaggttta tatgtggttc ggcggttttag ggcggtttgt agcgttttta ttgtttcgggt 180  
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30 <400> 8

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gtcgggagat aaaggagtcg cgtgttatta aattgtcgtc gtagtcgtag ttatttaagt 180  
35 gtcggatttg tgagtatttt gcgttttttag ttttcggata gaagttggag aatttttttg 240  
gagaattttt cgagtttagga gacgagattt tttaataatt attatttttt tttgcgtttt 300

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10 <223> 2212

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taatttaatt ttttattttg tgtgatagaa gtagtaggaa gtgagttgtt tagaggtagg 180  
agggtttatt ttttgtaaaa ggggggatta gaattttttt atgcgagttg tttgaggatt 240  
gggatgtcga gaacgcgagc gattcgagta gggtttgtt gggatcgtc ggggtaggat 300  
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<213> Artificial Sequence

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<223> 2267

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gagcgaggaa tttttgagtg gtgtgggagg gcggtagagg gtagttgaaa gtcggttaaa 180  
gttttcggag gggttggttt aggaaatag attggtagtt acgagagagt taggggttgg 240  
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gtatTTTTTT	gtatTTTTAT	tcggtgttgg	gcgtagggaa	TTTTtgaaat	aaaagatgta	180
taaagtattg	aggtttgaga	TTTTtgatt	tcgaaatatt	gagaatttat	agttgtatat	240
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aaatgggatg	ttatTTTcgc	ggggTtcgtt	tttcgcgagg	tgTTTatttc	gtatttgTTa	180
Tgtaaaacga	gggagcgTTa	ggaaggaatt	cgTTTTgtaa	agttattggt	tttggttatt	240
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&lt;223&gt; 2387

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tggcggaaat ttgtgcgttt ggggcggttg aattcgggga ggagagggag ggattagata 180  
10 ggagagtggg gattattttt tttgttttta aattggggta gttttttggg ttttcgattt 240  
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atgggttttg tttttagttt 380

15 &lt;210&gt; 14

&lt;211&gt; 397

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

20 &lt;220&gt;

&lt;223&gt; 2391

&lt;400&gt; 14

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aggagagtta gcgagggttc gaggggtagg tattttaacg aatggttttt ttggtgtttt 120  
ttgcgtttcg tcggtttatt ttttttttta taaaacgggt ttagttttta gtatttattt 180  
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cgggtttttt taggtggttt ttttagtttc gttttttttc gggatgtttg ttgattattt 300  
30 cgagttcgcg tggcgtaaga gtacgagcgt cgagttcgtg cgcgttaagg ttgcgtgggc 360  
gggtatcgat ttttttgaga agtttttagtg ttttttaa 397

&lt;210&gt; 15

&lt;211&gt; 547

35 &lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; 2395

5 &lt;400&gt; 15

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aaatttttgt gagcgttgcg gaagtacgcg gggttcgggt cgttgagcgt tgtaagatag 180  
10 gggagggagt cgggcgggag agggaggggc ggcgtcgggg cgggttttga tatagagtag 240  
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15 gcgttttttcg cgggtgtcga tttaggttgt tcggagttcg gagtttatag aggagagaga 540  
tagttgg 547

&lt;210&gt; 16

&lt;211&gt; 414

20 &lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; 2401

25

&lt;400&gt; 16

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30 ggagcgaata gtagtttttt cggttcgttg ttagaaatag taggacgata ttttttcgat 180  
tgaggagag cgtttgcgtt cgtatttagt tggcgttcgt ttttttggtt ttttttagt 240  
cgtttttttt ttttttttc gcgttttagt tattcgggaa ggtattgcgg tagttgggtt 300  
ttgattggtt gttttgaaag tttacgggtt attcgattgg tgaattcggg gttttttagc 360  
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&lt;210&gt; 17



<211> 272

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5 <220>

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<400> 17

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aatttttaga gatagtagag tatataagtt tttaggataa gagttaggaa gaaattatcg 180  
gaaggaatta ttttattgtg tgtaaatatg atttttaagt tggtcgtggt ttttttggtta 240  
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<211> 391

<212> DNA

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<223> 2484

<400> 18

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tgaatatattt tttagggtata tatagggtggg atataaataa gggtttttga attattattt 240  
30 ttttattacg atagtaattt aaaatgtttg ggaagatggt cgtgattttt ggagttttaa 300  
atatattttg gataatgttt gtagtttgta agttattttt ttttatttgt tttaaagtgt 360  
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<223> 2512

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10 atttgttttt atttattatg tttttatgtt tttattttgt atgttaggag ttaagtattt 180  
tgtatgtatt aatttatttt gtttttataa taatttttat atgtaggaat tattatagtt 240  
attttatgaa tgagtcgagg aaggatttga gacgttaagt aatttgttta aggttacgta 300  
gttagtaagt ggtagagtaa gaattattat ggttttataa gtttaggaaa aagtttgaaa 360  
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<223> 2741

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    gcgggatatcg tttggaggcg tttttattat ttggcggttt cgggttcgcg ttttatcgcg      180
    ttataagatt tacgttcgaa ttacgtgatt agggtcgtgg tttcgtttcg ttttcgcgtc      240
    gcgcgtcgtt ttcggtaggg gcggaaagcg gaagtgtggg agggtttcg gggcgggttt      300
15  aggaggttcg cgggaggatg gagtagtgag cgggtttggg cggttgttgg tagcgttatg      360
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20 <212> DNA

<213> Artificial Sequence

<220>

<223> 2746

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<400> 22

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30  gagaggcgcg ttttattcgc gtttttttat atttgctgct gtttgggtcg atttcgcggg      180
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    ggcgggttag ggcggcgggg cgcgatattg ggaggaagtg cgggtcgttt gttcgggcgc      300
    gttaaggaag ttgtttaaaa tgaggaagag tcgcgggttc ggcggttgag gttatttcgg      360
    cggcgggttg agagcgagga ggagcgggtg gtttcgcgtt gcgttcgttt tcgttttatt      420
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gaagagttac gtttaggtcg ggTTTTggtt gtttggttta cggcgggaatt tttagtatta 180  
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TTTTTtagaag ttaatagtag gaaataaggg ttaatagtat ttaattgtgg agtaaggTTT 360  
aaatTTtagt ttgttattt aatcgTTTcg aatttgtTTT tttattgtag aggcgaaaag 420  
gttaatatTA ttttatttcg gagggttatc gtggagaatg gaagttggat aagTTg 476

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<210> 24

<211> 419

<212> DNA

<213> Artificial Sequence

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<220>

<223> 2749

<400> 24

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aaatctccta ctttataact actTTTaaac caacaaatac tctaatatat ataattcaaa 180  
ttatacaaat ttcacgaata aatttaactt tattTTTTaa attaattaaa aaacaaataa 240  
35 tattTaaaaa aatattaact tataattatt tcaccTTTt tactTTTaaac attTTTatta 300  
cttctcgacc ttttaactaa aatcaaatat atactTTTaa cattTTTTaa aataaaaaata 360

tccttttaat ttaataaaaa aacaaaattc tacataaaaa aacccttca tctaaaacc 419

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<211> 479

5 <212> DNA

<213> Artificial Sequence

<220>

<223> 2751

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<400> 25

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15 ttttttaggtt gggttaatag gatgggatag tttaggcgga aggaaatttg tggggaggga 180

tatttcgtag atagaagtag ggatatgggg tggggagagg taggaagagt tgtcgggttg 240

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tattttcgta gttttgggtt tttttggtt tggttaatag tattattatt attattattg 360

ttgttgttcg ttagtttggg ttttagatat attagaaaa aattatcgga agatacgat 420

20 agtattggta gtttttaaaa gaattaattt tttttttgtg tttattttgt gattattgg 479

<210> 26

<211> 484

<212> DNA

25 <213> Artificial Sequence

<220>

<223> 2752

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<400> 26

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atacttaata ttttttctca aatactacca taaaaccaa tctccaccgt cttaaaacat 180

35 tcctttttta aaataaaaaa tatatatcgc tccttttata taatttacat tctatcttaa 240

ataatttaac catcaccgta attcattcaa atctatttaa atcctacca tctcaacttc 300

aatccatttc attcttttaa atctaatacga caattacctc caacaacttc atcacaaatc 360  
actcacaaaa ataaccttaa tcctaaaatt tatttacgaa aaacacactt actaaatata 420  
taacaaatat acaaaaaaca caaaataaaa caacaaatct aaaaacaaat aacttccttc 480  
tccc 484

5

&lt;210&gt; 27

&lt;211&gt; 371

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

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&lt;220&gt;

&lt;223&gt; 2755

&lt;400&gt; 27

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agaagggtta gaggacggtt tttgttattt ttttatgttt gagttttttt ttttgtgaaa 180  
tggggataat aagagtcggt atatagggaa ttgttgtag gattaaatga gataatgtat 240  
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gaatttacgt ttggcgggat gtttaagttg ttattttgat cgtagggag ttttagagga 360  
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&lt;210&gt; 28

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&lt;211&gt; 186

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

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&lt;223&gt; 2831

&lt;400&gt; 28

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tatgggggtg gttatatttt gtatttagga aataggtacg gtagggttga gatagaagtt 180

ttgttt

186

&lt;210&gt; 29

&lt;211&gt; 300

5 &lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; 2850

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&lt;400&gt; 29

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15 cggcgcgggtt tggtcgggtt gggatcgggtt ttccggttta gacgttcgcg atgttggtat 180  
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&lt;210&gt; 30

20 &lt;211&gt; 321

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

25 &lt;223&gt; 2852

&lt;400&gt; 30

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aatatattaa cgtatttttt ttttttaa ataaagtaggaa agcggatttt gtatgagggg 240  
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&lt;210&gt; 31

<211> 398

<212> DNA

<213> Artificial Sequence

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<223> 2859

<400> 31

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	gggcggtatta tttgaggttc ggagttcgag attagtttggt gttaatatgg cgaaacgttg	180
	tttttattaa aaataataaa aattatttag gcgtggtggc gcgtatttgt aattttagtt	240
	attcgggagg ttgaggtagg agaattattt gaatttagga ggtagacgtt gtagtgagtc	300
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20 <212> DNA

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<223> 2861

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<400> 32

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30	ttatttttgt gggtttttagt tggttggtt tgtggaggga aaagaatgat cggttcgttc	180
	gataggtaa ggtaatacgg ttgttggtat tttcggtttg tagttttaag atttttgaaa	240
	gcgggtttgt agtggtttta ttttaataga tggggaggga ttgagtttga ttaaagagtt	300
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<211> 291



<212> DNA

<213> Artificial Sequence

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5 <223> 2864

<400> 33

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tatactcca catccaaacc acgaaccct caccgatca catacttcat acacctataa 180  
ctcgcactc cccaaatata cctctaact acaactatta ccccttccc cgattataac 240  
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<211> 389

<212> DNA

<213> Artificial Sequence

20 <220>

<223> 2867

<400> 34

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tccgttccaa accgactaac aatctcgtt ctacattaac gtcaacactc ccgttaaaaa 180  
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<210> 35

<211> 272

35 <212> DNA

<213> Artificial Sequence

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&lt;223&gt; 2961

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cgacgagggt ttcgggggtat ttgtcggtag ttatgcggtt ttcgcgtagt cgggttttac 180  
10 gagtgggggt gagttagcgc ggggtttgga gaggggttta gggcgcgtagt tcgggggatt 240  
tcggtcgggg tttaggggta tagggaagag ag 272

&lt;210&gt; 36

&lt;211&gt; 371

15 &lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; 3511

20

&lt;400&gt; 36

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30

&lt;210&gt; 37

&lt;211&gt; 457

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

35

&lt;220&gt;

<223> 3532

<400> 37

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	tgattgtttt tggcggggcg ggggtgtttt tgttatttag ttgtataacg gttaggaagg	180
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<210> 38

15 <211> 476

<212> DNA

<213> Artificial Sequence

<220>

20 <223> 3534

<400> 38

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	ttttagtatt ttgggaagtt aagttaagcg gattatttga ggtaggagt ttaagaatag	180
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<210> 39

<211> 458

35 <212> DNA

<213> Artificial Sequence

&lt;220&gt;

&lt;223&gt; 3538

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15

&lt;210&gt; 40

&lt;211&gt; 405

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

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&lt;220&gt;

&lt;223&gt; 3540

&lt;400&gt; 40

25

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35

&lt;210&gt; 41

&lt;211&gt; 2501

&lt;212&gt; DNA

&lt;213&gt; Homo Sapiens

&lt;400&gt; 41

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<212> DNA

15 <213> Homo Sapiens

<400> 42

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5 <211> 2501

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&lt;210&gt; 57

&lt;211&gt; 2501

&lt;212&gt; DNA

&lt;213&gt; Homo Sapiens

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&lt;400&gt; 57

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&lt;213&gt; Homo Sapiens

&lt;400&gt; 58

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15 <212> DNA

<213> Homo Sapiens

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&lt;210&gt; 60

&lt;211&gt; 2501

&lt;212&gt; DNA

30 &lt;213&gt; Homo Sapiens

&lt;400&gt; 60

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